Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
|                 | _            |

10/624,885 Examiner

MIYATAKE, MINORU Art Unit

Lee Fineman

2872

| <b>~</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|             |   |                                       |          |              |  |  | j                                   |          | L            |                 |
|-------------|---|---------------------------------------|----------|--------------|--|--|-------------------------------------|----------|--------------|-----------------|
|             |   |                                       |          |              |  |  |                                     |          |              | _               |
| Cla         | im  | <u> </u>                              | _        | _            |  | Date   | <u> </u>                            | _        | _            | $\dashv$        |
| Final       | 2<br>3<br>4<br>5<br>6<br>7  | 2/10/05                               |          |              |  |  |                                     |          |              |                 |
|             | (1)   | 1                                     |          |              | $\vdash$   |  | H                                   | _        | -            | Н               |
|             | 2   | J                                     | $\vdash$ | ┢            | $\vdash$   |  | $\vdash$                            | -        | _            | М               |
|             | 3   | Ì                                     | -        | $\vdash$     | -  |  | ┢                                   | _        | _            | Н               |
|             | <u> </u>  | Ì                                     | $\vdash$ | $\vdash$     | $\vdash$   |  | ├─                                  |          | -            | $\dashv$        |
|             | 5   | 寸                                     | -        | $\vdash$     | -  | -  | -                                   | $\vdash$ |              | Н               |
|             | 6   | Ì                                     | -        | $\vdash$     | $\vdash$   |  | -                                   |          | _            | $\dashv$        |
| _           | 7   | Ì                                     | -        | $\vdash$     | <del>                                     </del> |  | $\vdash$                            |          | $\vdash$     | $\dashv$        |
|             | 8   | 1                                     | Т        | -            |  |  | $\vdash$                            |          |              | П               |
|             | 9   | 1                                     |          |              | _  |  | _                                   |          |              | T               |
|             | 10  | 1                                     |          |              |  |  |                                     |          |              |                 |
|             | 11  | 1                                     |          |              |  |  |                                     |          | ·            |                 |
|             | 12  | 1                                     |          |              |  |  | L                                   |          |              | Ш               |
|             | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | L        |              |  | Ш  | L                                   |          |              | Ш               |
|             | 14  | 1                                     |          | _            |  |  | _                                   |          | -            |                 |
|             | 15  | ✓                                     |          | _            | <u> </u>   |  | <u> </u>                            |          |              | _               |
|             | 16  | ⊢                                     | $\vdash$ | <u> </u>     | <u> </u>   | _  | <u> </u>                            |          |              | $\dashv$        |
|             | 17  | ⊢                                     | ⊢        | _            | -  | -  | -                                   | _        | _            | $\dashv$        |
|             | 10  |                                       | -        | -            |  | $\vdash$   | H                                   | _        |              | Н               |
|             | 20  | $\vdash$                              | $\vdash$ | $\vdash$     | $\vdash$   | -  | $\vdash$                            | _        | -            | Н               |
|             | 21  | ┢                                     |          | -            |  | ┝  | Н                                   |          | -            | Н               |
|             | 22  | ┢                                     |          | $\vdash$     |  | <del>                                     </del> | _                                   |          |              | Н               |
|             | 23  |                                       |          |              |  |  |                                     |          | $\vdash$     | П               |
|             | 24  |                                       |          |              |  |  |                                     |          |              |                 |
|             | 25  |                                       |          |              |  |  | <u> </u>                            |          | L            | Ш               |
|             | 26  | <u> </u>                              |          | <u> </u>     | L  | _  | L                                   |          | _            |                 |
|             | 27  | _                                     |          | _            |  |  | <u> </u>                            | _        | _            | Щ               |
| <u> </u>    | 28  | <u> </u>                              | _        | <u> </u>     | _  | L  | ┡                                   |          | <u> </u>     | Н               |
| <u> </u>    | 29  | -                                     |          | -            |  |  | <u> </u>                            |          | _            | Н               |
| <u> </u>    | 31  | $\vdash$                              | -        | ├─           |  | $\vdash$   | ⊢                                   | -        | ┝            | Н               |
| <u> </u>    | 32  | -                                     | -        | ┝            |  | $\vdash$   | ┢╌                                  | _        | $\vdash$     | Н               |
|             | 33  | $\vdash$                              | _        | ┢            |  | $\vdash$   | ┢                                   | $\vdash$ | ├─           | Н               |
|             | 34  | Н                                     |          |              |  |  | Н                                   |          | _            | П               |
|             | 35  |                                       |          |              |  |  | Г                                   |          | $\Box$       | П               |
|             | 36<br>37  |                                       |          |              |  |  |                                     |          |              |                 |
|             | 37  |                                       |          |              |  |  |                                     |          |              |                 |
| <u> </u>    | 38  | _                                     | L        | L            | _  |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | <u> </u>     | Щ               |
|             | 39  | <u> </u>                              | <u> </u> | _            | $oxed{oxed}$                                     |  | <u> </u>                            | L.       | <u> </u>     | Щ               |
|             | 40  | <u> </u>                              | $\vdash$ | <u> </u>     | $\vdash$   | ļ  | _                                   | _        | $\vdash$     | $\vdash \vdash$ |
|             | 41<br>42  | ⊢                                     | $\vdash$ |              |  | -  | $\vdash$                            | -        |              | Н               |
| <del></del> | 42  | -                                     | ├─       | $\vdash$     | $\vdash$   | -  | $\vdash$                            | $\vdash$ | <del> </del> | $\vdash \vdash$ |
| <u> </u>    | 43  | -                                     | $\vdash$ | <del> </del> | $\vdash$   |  |                                     | -        | $\vdash$     | $\vdash$        |
|             | 45  |                                       | -        |              | H  | $\vdash$   |                                     | -        | $\vdash$     | Н               |
|             | 46  |                                       |          | Г            |  | Г  | Г                                   |          |              | П               |
|             | 47  |                                       |          |              |  |  |                                     |          |              |                 |
|             | 48  |                                       |          |              |  |  |                                     |          |              |                 |
|             | 49  | <u> </u>                              |          | $\Box$       |  |  |                                     |          | $\Box$       |                 |
| l           | 50  | 1                                     |          | l            | _  |  | _                                   |          | _            | -)              |

| Cla      | im       | Date     |          |              | Claim    |          |          | Date     |          |          |   |       |          |                 |          |          |   |          |            |          |                |           |
|----------|----------|----------|----------|--------------|----------|----------|----------|----------|----------|----------|---|-------|----------|-----------------|----------|----------|---|----------|------------|----------|----------------|-----------|
|          | Original | 2/10/05  |          |              |          |          |          |          |          |          |   | Final | Original |                 |          |          |   |          |            |          |                |           |
|          | (1)      | 1        |          |              |          |          |          |          |          |          |   |       | 51       |                 |          |          |   |          |            |          |                |           |
|          | 2        | 1        |          |              |          |          |          |          |          |          |   |       | 52       |                 |          |          |   |          |            |          |                |           |
| _        | 3        | 1        |          |              |          |          |          |          |          |          |   |       | 53       |                 |          |          |   |          |            |          |                |           |
| _        | 5        | <b>√</b> | _        | Щ            |          |          |          |          |          |          |   |       | 54       | Ш               |          |          |   |          |            |          |                | _         |
| _        | 5        | 1        |          | _            |          |          |          |          |          |          |   |       | 55       | Щ               | _        |          |   |          | Ш          |          |                | _         |
| _        | 6<br>7   |          |          | $\vdash$     |          |          |          |          |          | _        |   |       | 56       | Ш               | _        |          |   |          |            |          | $\Box$         |           |
| _        |          | 1        | _        | _            |          |          |          |          |          | _        |   |       | 57       |                 | -        |          |   |          | Ш          |          | $\blacksquare$ |           |
| -        | 8        | 7        | _        | <u> </u>     |          | _        |          |          | _        |          |   |       | 58       | -               | $\dashv$ | _        |   |          | Н          | _        | $\vdash$       | $\dashv$  |
| ⊣        | 9        | 7        | _        | $\vdash$     | _        | $\perp$  | _        |          |          | _        |   |       | 59<br>60 | Н               | -        |          |   |          | Н          |          | -              | $\dashv$  |
| -        | 10<br>11 | 7        | _        | -            |          |          |          |          |          | _        |   |       | 61       |                 | $\dashv$ | -        |   |          | -          | -        | $\vdash$       | $\dashv$  |
| -        | 12       | 7        | _        |              | _        | _        |          |          |          |          |   |       | 62       | Н               |          |          |   |          | $\vdash$   |          |                | $\dashv$  |
| $\dashv$ | 13       | Ì        | -        | -            | _        | -        |          | -        |          | _        | 1 |       | 63       | $\vdash$        |          | -        | _ |          |            | Н        |                | $\dashv$  |
| -        | 14       | 1        | -        |              |          |          |          |          |          |          |   |       | 64       | H               |          | $\equiv$ | _ | _        | Н          | _        | $\vdash$       | $\dashv$  |
|          | 15       | 1        | -        |              |          |          |          |          |          |          | } |       | 65       | Н               |          |          |   |          |            |          |                | $\dashv$  |
|          | 16       | ·        |          |              |          |          |          |          |          | _        |   |       | 66       | $\vdash$        |          |          |   |          |            |          |                | 一         |
|          | 17       |          |          |              |          |          |          |          |          |          |   |       | 67       |                 |          |          |   |          |            |          |                |           |
|          | 18       |          |          |              |          |          |          |          |          |          |   |       | 68       |                 |          | -        |   |          |            |          |                |           |
|          | 19       |          |          |              |          |          |          |          |          |          |   |       | 69       |                 |          |          |   |          |            |          |                |           |
|          | 20       |          |          |              |          |          |          |          |          |          |   |       | 70       |                 |          |          |   |          |            |          |                |           |
|          | 21       |          |          |              |          |          |          |          |          |          |   |       | 71       |                 |          |          |   |          |            |          |                |           |
|          | 22       |          |          |              |          |          |          |          |          |          |   |       | 72       |                 |          |          |   |          |            |          |                |           |
| _        | 23       |          |          |              |          |          |          |          |          | _        |   |       | 73       |                 |          |          |   |          |            |          |                |           |
| _        | 24       |          |          |              |          |          |          |          |          | _        |   |       | 74       | <u> </u>        |          |          |   |          |            |          |                |           |
|          | 25       |          |          |              | _        |          |          |          |          | <u> </u> |   |       | 75       |                 |          |          |   |          |            |          |                |           |
| _        | 26       |          |          |              | _        | _        | $\vdash$ |          | _        | <u> </u> |   |       | 76       |                 |          |          |   | L        |            |          | $\vdash$       | _         |
| _        | 27       |          |          | H            |          | _        | -        |          | _        | <u> </u> |   |       | 77       |                 | _        | _        | _ | -        |            |          | -              |           |
| _        | 28       | _        |          |              |          | _        |          |          |          | -        |   | ,     | 78<br>79 |                 |          | _        |   | -        | -          |          | -              |           |
| -        | 29<br>30 | _        |          | -            |          |          | -        |          |          | $\vdash$ |   |       | 80       |                 | -        |          | Н | $\vdash$ |            |          | -              | _         |
| -        | 31       |          |          | <del> </del> |          |          |          | -        | _        | $\vdash$ |   |       | 81       | Н               |          |          |   |          |            |          | -              |           |
|          | 32       |          |          | $\vdash$     |          |          | -        |          |          |          |   |       | 82       | H               | _        | _        |   | _        |            |          | -              |           |
| _        | 33       |          | _        | -            |          | -        | $\vdash$ | $\vdash$ |          | $\vdash$ |   |       | 83       | Н               |          |          |   | $\vdash$ | -          |          | -              |           |
| ╗        | 34       | -        |          | Н            |          |          | П        |          | _        |          | i |       | 84       | П               |          |          |   |          |            |          |                |           |
| T        | 35       |          |          |              |          |          |          |          |          |          | ı |       | 85       |                 |          |          |   |          |            |          |                |           |
|          | 36       |          | $\Box$   |              |          |          | Г        |          | _        |          |   |       | 86       |                 |          |          |   |          |            |          |                |           |
|          | 37       |          |          |              |          |          |          |          |          |          | Ì |       | 87       |                 |          |          |   |          |            |          | -              |           |
|          | 38       |          |          |              |          |          |          |          |          |          |   |       | 88       |                 |          |          |   |          |            |          |                |           |
|          | 39       |          |          |              |          |          |          |          |          |          |   |       | 89       |                 |          |          |   |          |            |          |                |           |
|          | 40       |          |          |              |          |          | L        |          |          |          |   |       | 90       |                 |          |          |   |          |            |          |                |           |
|          | 41       |          |          |              |          |          |          |          |          |          |   |       | 91       |                 |          |          |   |          |            |          |                | _         |
|          | 42       |          | _        | _            |          | _        | _        | _        |          | _        |   |       | 92       |                 |          |          |   | Ь.       |            |          |                |           |
| _        | 43       |          | _        | _            |          | _        | <u> </u> | <u> </u> | _        | <u> </u> |   |       | 93       |                 |          |          |   | <u> </u> | <u> </u>   | _        | Щ              |           |
| _        | 44       |          |          |              | _        |          |          |          | _        | <u> </u> |   |       | 94       |                 | $\vdash$ |          | _ | _        | -          | _        | $\vdash$       | $\square$ |
| 4        | 45       | $\vdash$ | _        | H            |          | _        | $\vdash$ | <u> </u> |          | $\vdash$ |   |       | 95       | $\vdash \vdash$ |          | _        |   | <u> </u> |            | $\vdash$ | $\vdash$       | $\dashv$  |
| 4        | 46       |          | <u> </u> | <u> </u>     | <u> </u> | $\vdash$ |          | -        | _        | <u> </u> |   |       | 96       | H               | $\vdash$ | $\vdash$ | _ | -        | <b> </b> - | <u> </u> | $\vdash$       | -         |
| 4        | 47       | $\vdash$ | <b>—</b> | <u> </u>     | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$ | -        | <u> </u> |   |       | 97       | $\vdash$        | -        |          |   | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$       | $\vdash$  |
| -        | 48<br>49 |          | -        | $\vdash$     | _        | -        | -        |          | $\vdash$ | -        |   |       | 98<br>99 | $\vdash$        |          |          | - | ⊢        |            | -        | $\vdash$       | $\vdash$  |
| -        | 50       | -        | -        | $\vdash$     | -        | -        |          | $\vdash$ | Н        | -        |   |       | 100      |                 |          | $\dashv$ |   | H        | $\vdash$   |          | Н              | $\dashv$  |
|          | 50       | لــــا   | Ц.       | Щ.           | L        |          |          | Ц_       |          |          | 1 |       | 100      | Щ.              |          | ш        |   |          | Ц          |          | ш              | ш         |

| Cli      | Date       |               |   |                                     |          |          |          |              |          |                 |  |  |
|----------|------------|---------------|---|-------------------------------------|----------|----------|----------|--------------|----------|-----------------|--|--|
| Final    | Originał   |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 101        |               |   |                                     |          |          | -        |              |          |                 |  |  |
|          | 102        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 103        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 104        |               | $ldsymbol{ld}}}}}}$ |                                     |          |          |          |              |          |                 |  |  |
| L        | 105        |               | _   |                                     |          |          | _        | _            |          |                 |  |  |
| <u></u>  | 106        |               | _   | Ш                                   |          |          |          |              |          |                 |  |  |
| <u> </u> | 107        | _             | $\vdash$  |                                     |          | _        | _        | _            | _        |                 |  |  |
| $\vdash$ | 108        |               | _   |                                     | _        |          | _        | _            | $\vdash$ | _               |  |  |
| <u> </u> | 109        |               |   |                                     | _        |          | -        | _            |          | $\vdash$        |  |  |
| <u> </u> | 110        | _             | _   | $\vdash$                            |          | -        |          |              | _        | Н               |  |  |
|          | 112        |               | $\vdash$  | $\vdash$                            |          |          | H        | H            |          | $\vdash$        |  |  |
|          | 113        |               | $\vdash$  | $\vdash$                            | H        | H        | H        | H            | H        | Н               |  |  |
|          | 114        |               | Ι   |                                     | $\vdash$ | Н        | Н        | $\vdash$     | $\vdash$ |                 |  |  |
|          | 115        | $\vdash$      | $\vdash$  |                                     | $\vdash$ | Н        | Т        |              | $\vdash$ | Н               |  |  |
|          | 116        |               | Г   |                                     | _        | Н        | Т        | Г            | $\vdash$ | $\vdash$        |  |  |
|          | 117        |               |   |                                     |          |          |          | Г            |          |                 |  |  |
|          | 118        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 119        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 120        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 121        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 122        |               |   |                                     |          |          |          |              |          |                 |  |  |
| L        | 123<br>124 |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 124        |               | <u></u>   | _                                   |          |          |          |              |          |                 |  |  |
| <u> </u> | 125        |               | _   | <u> </u>                            |          | _        | L.       |              |          |                 |  |  |
|          | 126<br>127 |               | _   | <u> </u>                            |          |          |          | _            | H        |                 |  |  |
|          | 127        |               | <u> </u>  |                                     | -        | <u> </u> | _        | <u> </u>     | <u> </u> | Н               |  |  |
| $\vdash$ | 128        |               | <u> </u>  |                                     | _        | _        | <u> </u> | <u> </u>     | -        | Н               |  |  |
|          | 129<br>130 |               | -   |                                     | _        | -        |          | -            | $\vdash$ |                 |  |  |
|          | 131        | $\vdash$      | ⊢   | H                                   | _        | $\vdash$ | ┝        | H            | ⊢        | $\vdash$        |  |  |
| -        | 132        | $\vdash$      | ├-  | $\vdash$                            | <u> </u> | Н        | -        | -            | $\vdash$ | $\vdash$        |  |  |
|          | 133        |               | $\vdash$  | Н                                   | H        | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$        |  |  |
|          | 134        | Н             | ┢   | H                                   | _        | $\vdash$ | $\vdash$ | $\vdash$     |          | $\vdash$        |  |  |
|          | 134<br>135 | Г             | Н   | Т                                   | _        | Т        | Ι-       | $\vdash$     |          | П               |  |  |
|          | 136        |               | Т   |                                     |          | П        |          | Г            |          | П               |  |  |
|          | 137        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 137<br>138 |               |   | L                                   |          |          | Ĺ        |              |          |                 |  |  |
|          | 139        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 140        |               |   |                                     |          |          |          |              |          |                 |  |  |
|          | 141        |               |   | L                                   |          |          | $\Box$   | 匚            | 匚        |                 |  |  |
|          | 142        | <u> </u>      |   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        | L        | _        | L_           | L.       | Ш               |  |  |
|          | 143        | $\sqsubseteq$ | _   | <u> </u>                            | <u> </u> | oxdot    | <u> </u> | <u> </u>     | <u> </u> | $\sqcup$        |  |  |
|          | 144        | $\vdash$      | <u> </u>  | <u> </u>                            | L        | Ŀ        | _        | <u> </u>     | <u> </u> | H               |  |  |
|          | 145        | $\vdash$      | <u> </u>  | $\vdash$                            | <u> </u> | <u> </u> | <u> </u> | $\vdash$     | _        |                 |  |  |
| <u> </u> | 146        | Щ.            | L   | <u> </u>                            |          | $\vdash$ | <u> </u> | ⊢            | <u> </u> | $\vdash \vdash$ |  |  |
|          | 147        | <u> </u>      | $\vdash$  | $\vdash$                            | $\vdash$ | H        | <u> </u> | $\vdash$     | $\vdash$ | Н               |  |  |
|          | 148<br>149 | <u> </u>      | <del> </del>  | ├-                                  |          | <u> </u> | $\vdash$ | <del> </del> | $\vdash$ | $\vdash$        |  |  |
| $\vdash$ | 150        |               | $\vdash$  | $\vdash$                            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | -        | $\vdash$        |  |  |
|          | 130        |               | ı   |                                     |          |          |          | 1            |          |                 |  |  |